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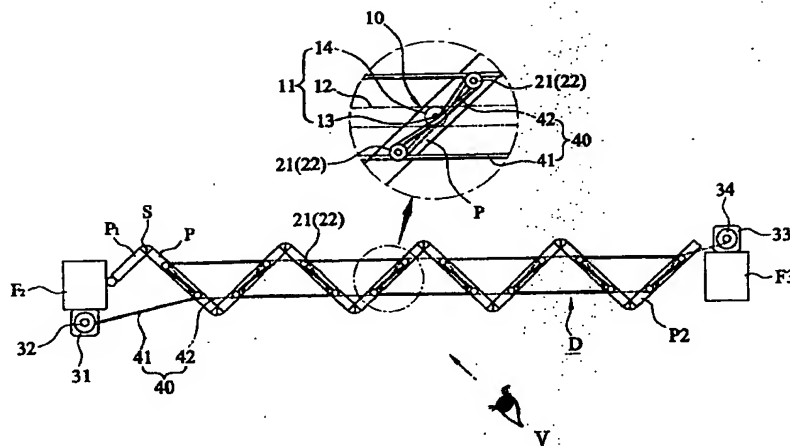
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ning of each regular issue of the PCT Gazette.

(54) Title: FOLDING AND SPREADING SYSTEM FOR HALF SPREAD FOLDING DOOR



(57) Abstract: A folding and spreading system for a half spread folding comprises an upper (11) and a lower (15) guider for making the folding door (D) move in a close or open direction; a first wire guider (21) provided at the depth portion of each door leaf (P) in a predetermined distance from a neighboring first wire guider (21), and a second wire guider (22) installed coaxially to the first wire guider (21); a folding motor (31) and a spreading motor (33) provided at both end frames (F2, F3) of the folding door (D), respectively, and having a reel (32, 34) at each rotational shaft of each motor (31, 33); and a winding wire (41) and a releasing wire (42) extended diagonally through each of the wire guiders (21, 22) of each door leaf (P), respective end of the wires (41, 42) connected to the wire guider and to the reel (32, 34) of the motor (31, 33), respectively, in order to fold and spread the adjacent two door leaves (P) around the hinge (H).